

Project Title	Funding	Strategic Plan Objective	Institution
An interactive social tutoring system to improve and measure social goals for students with high functioning autism spectrum disorders	\$74,995	Q4.Other	3-C Institute for Social Development
Imaging signal transduction in single dendritic spines	\$386,100	Q2.Other	Duke University
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$572,893	Q2.Other	Duke University
Neurexins regulation of central GABAergic synapses	\$78,000	Q2.Other	Duke University
Whole-genome sequencing for rare highly penetrant gene variants in schizophrenia	\$1,461,725	Q3.L.B	Duke University
Role of UBE3A in neocortical plasticity and function	\$490,000	Q4.S.B	Duke University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	\$150,000	Q4.S.B	Duke University
Neurogenetic model of social behavior heterogeneity in autism spectrum disorders	\$795,188	Q4.S.B	Duke University
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$0	Q3.S.F	East Carolina University
East Carolina University Pathways	\$200,000	Q5.Other	East Carolina University
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.S.B	Massachusetts Institute of Technology
Collaborative research: Detecting false discoveries under dependence using mixtures	\$20,000	Q2.Other	North Carolina State University
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$199,650	Q4.Other	Orelana Hawks Puckett Institute
Daily living and community skills video game for children with developmental disabilities	\$99,258	Q4.Other	Sandbox Learning Company
Genetic studies of autism-related Drosophila neurexin and neuroligin	\$137,500	Q2.Other	The University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	\$175,000	Q4.S.B	The University of North Carolina at Chapel Hill
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$135,000	Q1.L.A	University of North Carolina at Chapel Hill
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,283,233	Q1.L.A	University of North Carolina at Chapel Hill
Sensory experiences in children with autism	\$483,083	Q1.Other	University of North Carolina at Chapel Hill
Emotion-modulated psychophysiology of autism spectrum disorders	\$156,781	Q1.Other	University of North Carolina at Chapel Hill
Sex differences in early brain development; Brain development in Turner syndrome	\$153,382	Q2.S.D	University of North Carolina at Chapel Hill
Regulation of 22q11 genes in embryonic and adult forebrain	\$9,806	Q2.S.D	University of North Carolina at Chapel Hill
A longitudinal MRI study of brain development in fragile X syndrome	\$617,080	Q2.S.D	University of North Carolina at Chapel Hill
A family-genetic study of language in autism	\$208,064	Q2.S.G	University of North Carolina at Chapel Hill

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Neural circuitry of social cognition in the broad autism phenotype	\$411,039	Q2.S.G	University of North Carolina at Chapel Hill
A multigenerational longitudinal study of language development: Insight from autism	\$92,000	Q2.S.G	University of North Carolina at Chapel Hill
An investigation of the overlap of autism and fragile X syndrome	\$74,000	Q2.S.G	University of North Carolina at Chapel Hill
MRI study of brain development in school age children with autism	\$0	Q2.L.A	University of North Carolina at Chapel Hill
Pragmatic skills of young males and females with fragile X syndrome (supplement)	\$125,116	Q2.L.A	University of North Carolina at Chapel Hill
Pragmatic skills of young males and females with fragile X syndrome	\$507,009	Q2.L.A	University of North Carolina at Chapel Hill
Functional neuroimaging of psychopharmacologic intervention for autism	\$158,810	Q2.L.B	University of North Carolina at Chapel Hill
Statistical analysis of biomedical imaging data in curved space	\$330,008	Q2.Other	University of North Carolina at Chapel Hill
Multisensory processing in autism	\$0	Q2.Other	University of North Carolina at Chapel Hill
A molecular genetic study of autism and related phenotypes in extended pedigrees	\$582,231	Q3.S.A	University of North Carolina at Chapel Hill
A molecular genetic study of autism and related phenotypes in extended pedigrees (supplement)	\$99,600	Q3.S.A	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,209,900	Q3.L.D	University of North Carolina at Chapel Hill
Characterization of a novel mouse model of restricted repetitive behaviors	\$222,000	Q4.S.B	University of North Carolina at Chapel Hill
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Novel strategies to manipulate Ube3a expression for the treatment of autism and Angelman syndrome	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$167,572	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$346,289	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$39,325	Q4.S.B	University of North Carolina at Chapel Hill
Social cognition and interaction training for adolescents with high functioning autism	\$0	Q4.S.F	University of North Carolina at Chapel Hill
Early intervention for children screened positive for autism by the First Year Inventory	\$0	Q4.S.F	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$623,086	Q4.L.D	University of North Carolina at Chapel Hill

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Social communication and symbolic play intervention for preschoolers with autism	\$322,799	Q4.L.D	University of North Carolina at Chapel Hill
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$967,343	Q4.L.D	University of North Carolina at Chapel Hill
Autism insurance policy and access to care for children with autism: A state level analysis	\$100,000	Q5.S.A	University of North Carolina at Chapel Hill
Leadership Education in Neurodevelopmental Disabilities	\$798,691	Q5.L.C	University of North Carolina at Chapel Hill
The Professional Development Center: Children with autism spectrum disorders	\$999,999	Q5.L.C	University of North Carolina at Chapel Hill
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$199,519	Q5.Other	University of North Carolina at Chapel Hill
Personnel preparation program in low-incidence severe disabilities	\$56,700	Q5.Other	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$413,169	Q7.I	University of North Carolina at Chapel Hill
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$199,744	Q7.K	University of North Carolina at Chapel Hill
Post-doctoral training in special education research	\$159,391	Q7.K	University of North Carolina at Chapel Hill
Behavioral Measurement Core	\$502,439	Q7.Other	University of North Carolina at Chapel Hill
Administrative Core	\$502,455	Q7.Other	University of North Carolina at Chapel Hill
Birth to Kindergarten Professional Preparation: Inclusive Services for Children with Autism Spectrum Disorders	\$299,953	Q7.K	University of North Carolina at Greensboro
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$0	Q4.S.B	University of North Carolina School of Medicine
Ube3a requirements for structural plasticity of synapses	\$40,000	Q2.Other	Univ of North Carolina
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$200,000	Q5.L.C	Western Carolina University
Improving speech-language pathology services to children with severe disabilities through preprofessional and professional training	\$196,810	Q5.Other	Western Carolina University

